Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 16 Sep 2023 until 23:59 on Sunday 17 Sep 2023

Forecast Issued on Friday 15 Sep 2023 at 13:22

Confidence: High for a cloudy day Saturday with rain and drizzle, likely persistent in places. Low confidence in any rain or thundery shower detail specific for the Peak District Sunday, but good confidence in the broad story of thundery showers spreading north across the UK. High confidence for a breezy day Monday with sunshine and showers. Confidence falls to Low again for the further rain and strong winds Tuesday and Wednesday.

Headline for Saturday 16 Sep 2023: Cloudy with outbreaks of drizzle easing. Some afternoon brighter spells possible.

Mountain weather hazards on Saturday 16 Sep 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Dull	Drizzle	Drizzle	Dull	Sunny intervals	Cloudy	Dull
Precipitation probability							
20%	20%	30%	30%	20%	10%	10%	10%

Forecast for Saturday 16 Sep 2023

Weather: Cloud descending onto summits during the early hours, especially in the east, with outbreaks of drizzle likely through the morning. These perhaps persistent across eastern hills for a time, before easing with brighter possible spells by the afternoon. Likely drier, but remaining rather cloudy during the evening.

Chance of cloud-free hill tops above 600m: 20% rising to 40% in east, 30% rising to 70% in west.

Low cloud and visibility: Widespread cloud obscuring hills above 500m, and some lower slopes above 300m in the east. Cloud lifting a little to around 600m during the afternoon, and becoming patchier across western hills. Moderate visibility during drier intervals but falling to poor at times in any drizzle.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Met Office Mountain Weather Forecast

Forecast for Saturday 16 Sep 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 NE	10/15 NE	12/19 NE	14/21 NE	15/24 NE	17/26 NE	17/26 NE	17/25 NE	17/25 NE
300	7/11 NE	10/18 NE	12/21 NE	14/24 NE	15/26 NE	16/27 NE	16/27 NE	15/26 NE	15/25 NE
Valley	9/16 E	11/19 NE	13/25 NE	15/27 NE	16/29 NE	17/32 NE	17/32 NE	16/32 NE	16/31 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	11/9	10/8	10/8	11/8	11/8	11/8	11/8	10/7
300	14/13	12/11	12/10	13/10	14/11	14/11	13/10	13/10	13/10
Valley	15/13	13/12	13/10	14/11	15/12	15/12	13/10	13/10	13/11
Freezing Level*	2500m	2500m	2500m	2600m	2600m	2800m	2800m	2800m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A rather dull morning, with persistent light rain and drizzle likely requiring waterproofs. Extensive cloud may break during the afternoon to give some clearer conditions for a time. Feeling rather cool on the tops, especially in cloud and drizzle.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 15 Sep 2023	0mm	0mm	0mm

Forecast for Sunday 17 Sep 2023

Weather: Cloudy start, and winds strengthening as heavy, potentially thundery showers spread north. Not all will see the rain, but where they occur there is the potential for torrential downpours and hail, along with strong gusty winds. The odd afternoon brighter or sunny spell likely. Feeling humid.

Maximum wind: Easterly 20-25mph gusting 30-40mph. Chance sudden gusts near 50mph around thundery showers.

Chance of cloud-free hill tops above 600m: 20%, increasing to 80% during the afternoon.

Low cloud and visibility: Widespread cloud obscuring tops at 500m during the morning, with some patches as low as 300m. Cloud breaking and clearing at times during the afternoon, with the on hill cloud becoming patchier and mainly limited the very highest tops above 600m, but perhaps falling to 500m during any heavy showers. Good visibility away from cloud, but falling to poor in any heavy showers.

Temperature: **Valleys:** Plus 12 Celsius rising to Plus 21 Celsius
At 600m: Plus 10 Celsius rising to Plus 13 Celsius
Freezing level: Above summits.

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